

# FASTRACK™

## Parabolic and Suborbital Experiment Support Facility

FASTRACK™ was developed by NASA Kennedy Space Center and Space Florida to provide capabilities to conduct frequent, affordable, and responsive flight opportunities for reduced gravity experiments, technology development, and hardware testing on suborbital vehicles and parabolic flights (Fig. 1).

FASTRACK™ can support two single middeck lockers or a double middeck locker payload (Fig. 2a, b, c). A support drawer located at the bottom of the structure contains all ancillary electrical equipment (including batteries, a line conditioned power system and a data collection system) as well as a front panel that contains switches (including remote cut-off), breakers and warning LEDs (Fig. 2d).

### Specifications:

Self-contained power and data acquisition

Ambient air temperature sensor

Ambient humidity sensor

Approximate volume, single middeck configuration: 91.4cm x 61.0cm x 61.0cm



Fig. 1 FASTRACK™ supporting parabolic flight activities.

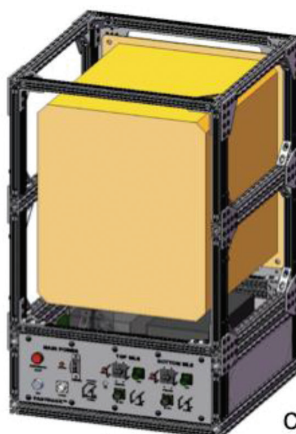
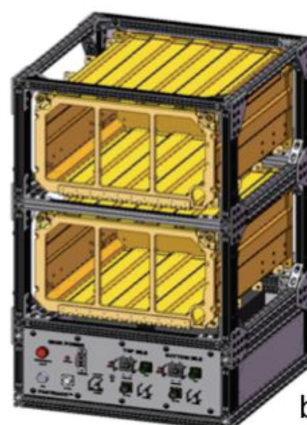
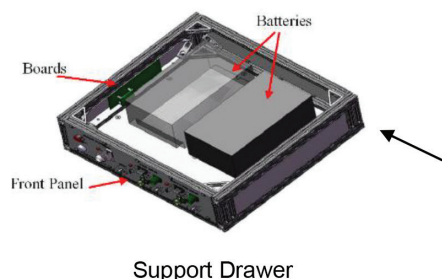


Fig. 2 FASTRACK a. Edge View b. Single Middeck Locker Equivalent (MLE) Configuration c. Double MLE Configuration d. Rack Structural View